

## EAST Search History

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
S1	18	("one-way" or "one way") with function with tree	USPAT	OR	ON	2004/11/13 12:57
S2	1	tree with key with (revo\$6 or rekey\$3)	USPAT	OR	ON	2004/11/12 17:00
S3	1233	key with (revo\$6 or rekey\$3)	USPAT	OR	ON	2004/11/12 17:00
S4	10	key with (revo\$6 or rekey\$3) same tree	USPAT	OR	ON	2004/11/12 17:00
S5	2	("6240188").URPN.	USPAT	OR	OFF	2004/11/12 17:03
S6	6	("5036518"   "5109384"   "5592552"   "5748736"   "5831975"   "6049878").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2004/11/12 17:04
S7	15	("5592552").URPN.	USPAT	OR	OFF	2004/11/12 17:06
S8	3	evict\$3 same tree	USPAT	OR	ON	2004/11/12 17:06
S9	1	"6049878".pn.	USPAT	OR	ON	2004/11/12 17:47
S10	7	("6049878").URPN.	USPAT	OR	OFF	2004/11/12 17:48
S11	0	("6295361").URPN.	USPAT	OR	OFF	2004/11/12 17:53
S12	0	("6584566").URPN.	USPAT	OR	OFF	2004/11/12 18:10
S13	9	logical with key with hierarchy	USPAT	OR	ON	2004/11/12 18:10
S14	20	fiat and naor	USPAT	OR	ON	2004/11/12 18:44
S15	3	top with down with rekey\$3	USPAT	OR	ON	2004/11/12 18:44
S16	0	key with distribut\$3 with tree with top near down	USPAT	OR	ON	2004/11/13 12:57
S17	5860	key with distribut\$3	USPAT	OR	ON	2004/11/13 12:57
S18	40	key with distribut\$3 with tree	USPAT	OR	ON	2004/11/13 12:57
S19	0	key with distribut\$3 with tree with start\$3 with top	USPAT	OR	ON	2004/11/13 12:58
S20	0	key with distribut\$3 with tree with start\$3 with root	USPAT	OR	ON	2004/11/13 12:58
S21	0	key with distribut\$3 with tree with start\$3 with lea	USPAT	OR	ON	2004/11/13 12:58
S22	0	key with distribut\$3 with tree with start\$3 with leaf	USPAT	OR	ON	2004/11/13 12:58
S23	1	rekey\$3 with tree	USPAT	OR	ON	2004/11/13 13:09
S27	1	(rekey\$3 or re-key\$3) with tree	USPAT	OR	ON	2004/11/13 13:10
S28	6	(rekey\$3 or re-key\$3) with multicast\$3	USPAT	OR	ON	2004/11/13 13:10
S29	2	(rekey\$3 key\$3 secret) with (user client node) with evict\$3	US-PGPUB; USPAT	OR	ON	2005/10/29 12:10

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S30	1	updat\$3 with (rekey\$3 key\$3 secret) same (user client node) with evict\$3	US-PGPUB; USPAT	OR	ON	2005/10/29 12:10
S31	2	(rekey\$3 key\$3 secret) same (user client node) with evict\$3	US-PGPUB; USPAT	OR	ON	2005/10/29 12:10
S32	1509	(rekey\$3 key\$3 secret) same (user client node) with (leave evict\$3)	US-PGPUB; USPAT	OR	ON	2005/10/29 12:11
S33	721	(rekey\$3 key\$3 secret) with (user client node) with (leave evict\$3)	US-PGPUB; USPAT	OR	ON	2005/10/29 12:11
S34	148	(user client node) with evict\$3	US-PGPUB; USPAT	OR	ON	2005/10/29 12:12
S35	0	(user client node) with evict\$3 and rekey\$3	US-PGPUB; USPAT	OR	ON	2005/10/29 12:12
S36	3	(user client node) with evict\$3 and updat\$3 with (key secret)	US-PGPUB; USPAT	OR	ON	2005/10/29 12:12
S37	2	(user client node) with evict\$3 with (key secret)	US-PGPUB; USPAT	OR	ON	2005/10/29 12:13
S38	2	(user client node) with evict\$3 same (key secret)	US-PGPUB; USPAT	OR	ON	2005/10/29 12:13
S39	44	(user client node) with evict\$3 and (key secret)	US-PGPUB; USPAT	OR	ON	2005/10/29 12:13
S40	2	(user client node multicast) with evict\$3 same (key secret)	US-PGPUB; USPAT	OR	ON	2005/10/29 12:13
S41	45	(user client node multicast) with evict\$3 and (key secret)	US-PGPUB; USPAT	OR	ON	2005/10/29 12:13
S42	5	("6240188").URPN.	USPAT	OR	OFF	2005/10/29 12:18
S43	6	("5036518"   "5109384"   "5592552"   "5748736"   "5831975"   "6049878").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2005/10/29 12:20
S44	47	("4200770"   "4531020"   "4578531"   "4776011"   "4881263"   "5309516"   "5351295"   "5361256"   "5588060"   "5588061"   "5600642"   "5630184"   "5633933"   "5663896"   "5724425"   "5748736"   "5761305"   "5805578"   "5841864"   "5850451"   "5889865"   "5920630"   "5987131"   "6009274"   "6049878"   "6055575"   "6088336"   "6119228"   "6151395"   "6216231"   "6226383"   "6240188"   "6256733"   "6263435"   "6272135"   "6279112"   "6295361"   "6330671"   "6332163"   "6363154"   "6483921"   "6507562"   "6584566"   "6633579"   "6636968"   "6643773"   "6684331").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2005/10/29 12:21

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S45	8	(US-6240188-\$ or US-6941457-\$ or US-6901510-\$ or US-6483921-\$ or US-6330671-\$ or US-6295361-\$ or US-6151395-\$ or US-5630184-\$). did.	USPAT	OR	OFF	2005/10/29 13:11
S46	2	S45 and updat\$3 with key with (period\$6 time)	US-PGPUB; USPAT	OR	ON	2005/10/29 13:31
S47	2137	updat\$3 with key with (period\$6 time)	US-PGPUB; USPAT	OR	ON	2005/10/29 13:32
S48	58	updat\$3 with key with predetermin\$3 with (period\$6 time) and @pd<"20010418"	US-PGPUB; USPAT	OR	ON	2005/10/29 13:32
S49	8	(US-6240188-\$ or US-6941457-\$ or US-6901510-\$ or US-6483921-\$ or US-6330671-\$ or US-6295361-\$ or US-6151395-\$ or US-5630184-\$). did.	USPAT	OR	OFF	2005/10/29 14:02
S50	2	S49 and (one\$way hash) with function	USPAT	OR	ON	2005/10/29 14:03
S51	507	(one\$way near functin near chain one\$way near function near tree logical near key near (hierarch\$4 tree) key near manag\$5) with secret	US-PGPUB; USPAT	OR	ON	2007/05/23 13:11
S52	507	(one\$way near function near chain one\$way near function near tree logical near key near (hierarch\$4 tree) key near manag\$5) with secret	US-PGPUB; USPAT	OR	ON	2007/05/23 13:12
S53	0	(one\$way near function near chain one\$way near function near tree logical near key near (hierarch\$4 tree) key near manag\$5) with node near secret	US-PGPUB; USPAT	OR	ON	2007/05/23 13:12
S54	1	(one\$way near function near chain one\$way near function near tree logical near key near (hierarch\$4 tree) key near manag\$5) same node near secret	US-PGPUB; USPAT	OR	ON	2007/05/24 09:44
S55	23	(one\$way near function near chain one\$way near function near tree logical near key near (hierarch\$4 tree) key near manag\$5) and node near secret	US-PGPUB; USPAT	OR	ON	2007/05/23 14:13
S56	1	(one\$way with function with chain one\$way with function with tree logical near key near (hierarch\$4 tree) key near manag\$5 OFC OFT LKH) same node near secret	US-PGPUB; USPAT	OR	ON	2007/05/23 14:37

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S57	23	(one\$way with function with chain one\$way with function with tree logical near key near (hierarch\$4 tree) key near manag\$5 OFC OFT LKH) and node near secret	US-PGPUB; USPAT	OR	ON	2007/05/23 14:38
S58	18	(one\$way with function with chain one\$way with function with tree logical near key near (hierarch\$4 tree) key near manag\$5 OFC OFT LKH) and node adj secret	US-PGPUB; USPAT	OR	ON	2007/05/23 14:39
S59	65	(one\$way with function with chain one\$way with function with tree logical near key near (hierarch\$4 tree) key near manag\$5 OFC OFT LKH) same node adj (secret key)	US-PGPUB; USPAT	OR	ON	2007/05/23 14:39
S60	12780	((one\$way with function with chain) (one\$way with function with tree) (logical near key near (hierarch\$4 tree)) (key near manag\$5) "OFC" "OFT" "LKH")	US-PGPUB; USPAT	OR	ON	2007/05/23 14:51
S61	1	((("without" "not") near (updat\$3 chang\$3)) with (node adj (secret key)))	US-PGPUB; USPAT	OR	ON	2007/05/23 15:53
S64	7	(fix\$2 (("without" "not") near (updat\$3 chang\$3))) with (node adj (secret key))	US-PGPUB; USPAT	OR	ON	2007/05/23 14:49
S65	3	(fix\$2 (("without" "not") near (updat\$3 chang\$3))) with (leaf adj (secret key))	US-PGPUB; USPAT	OR	ON	2007/05/23 14:50
S66	1819	((one\$way with function with chain) (one\$way with function with tree) (logical near key near (hierarch\$4 tree)) (key near manag\$5) "OFC" "OFT" "LKH") and (member node leaf) with (evict\$3 leaves depart\$3)	US-PGPUB; USPAT	OR	ON	2007/05/23 14:52
S67	1816	((one\$way with function with chain) (one\$way with function with tree) (key near manag\$5) "OFC" "OFT") and (member node leaf) with (evict\$3 leaves depart\$3)	US-PGPUB; USPAT	OR	ON	2007/05/23 14:52
S68	177	((one\$way with function with chain) (one\$way with function with tree) (key near manag\$5) "OFC" "OFT") and (member node leaf) with (evict\$3 leaves depart\$3) and (fix\$2 "without" "not") with (chang\$3 updat\$3 renew\$3) with (secret key)	US-PGPUB; USPAT	OR	ON	2007/05/23 14:55

## EAST Search History

S69	140	((one\$way with function with chain) (one\$way with function with tree) (key near manag\$5) "OFC" "OFT") and (member node leaf) with (evict\$3 leaves depart\$3) and (fix\$2 "without" "not") with (chang\$3 updat\$3 renew\$3) with (secret key) and (@ad<"20040418" @prad<"20010418")	US-PGPUB; USPAT	OR	ON	2007/05/23 15:04
S70	5	((one\$way with function with chain) (one\$way with function with tree) (key near manag\$5) "OFC" "OFT") and (member node leaf) with (evict\$3 leaves depart\$3) same (fix\$2 "without" "not") with (chang\$3 updat\$3 renew\$3) with (secret key) and (@ad<"20040418" @prad<"20010418")	US-PGPUB; USPAT	OR	ON	2007/05/23 15:00
S71	0	((one\$way with function with chain) (one\$way with function with tree) (key near manag\$5) "OFC" "OFT") and (member node leaf) with (evict\$3 leaves depart\$3) and (fix\$2 "without" "not") with (chang\$3 updat\$3 renew\$3) with (secret key) and (@ad<"20040418" @prad<"20010418") not S60	US-PGPUB; USPAT	OR	ON	2007/05/23 15:06
S72	135	((one\$way with function with chain) (one\$way with function with tree) (key near manag\$5) "OFC" "OFT") and (member node leaf) with (evict\$3 leaves depart\$3) and (fix\$2 "without" "not") with (chang\$3 updat\$3 renew\$3) with (secret key) and (@ad<"20040418" @prad<"20010418") not S70	US-PGPUB; USPAT	OR	ON	2007/05/23 15:09
S73	5	(fix\$2 "without" "not") with (chang\$3 updat\$3 renew\$3) with (node leaf) near (secret key) and (@ad<"20040418" @prad<"20010418") not S70	US-PGPUB; USPAT	OR	ON	2007/05/23 15:09
S74	5	(fix\$2 "without" "not") with (chang\$3 updat\$3 renew\$3) with (node leaf) near (secret key) and (@ad<"20040418" @prad<"20010418")	US-PGPUB; USPAT	OR	ON	2007/05/23 15:12
S75	43	node adj secret	US-PGPUB; USPAT	OR	ON	2007/05/23 15:13

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S76	1	((("without" "not") near (generat\$3 creat\$3 calculat\$3 updat\$3 chang\$3)) with (node adj (secret key)))	US-PGPUB; USPAT	OR	ON	2007/05/23 15:53
S77	12779	(one\$way with function with chain one\$way with function with tree key near manag\$5 OFC OFT LKH)	US-PGPUB; USPAT	OR	ON	2007/05/23 16:05
S78	617	(one\$way with function with chain one\$way with function with tree key near manag\$5 OFC OFT LKH) and key near updat\$3	US-PGPUB; USPAT	OR	ON	2007/05/23 16:05
S79	190	(one\$way with function with chain one\$way with function with tree key near manag\$5 OFC OFT LKH) same key near updat\$3	US-PGPUB; USPAT	OR	ON	2007/05/23 16:05
S80	190	(one\$way with function with chain one\$way with function with tree key near manag\$5 OFC OFT) same key near updat\$3	US-PGPUB; USPAT	OR	ON	2007/05/23 17:04
S81	6	(one\$way with function with chain one\$way with function with tree key near manag\$5 OFC OFT) same updat\$3 near secret	US-PGPUB; USPAT	OR	ON	2007/05/24 09:05
S82	3	blind adj key with (generat\$3 updat\$3)	US-PGPUB; USPAT	OR	ON	2007/05/24 09:05
S83	20	("6240188").URPN.	USPAT	OR	OFF	2007/05/24 09:14
S84	1	("6941457").URPN.	USPAT	OR	OFF	2007/05/24 09:25
S85	47	("4200770"   "4531020"   "4578531"   "4776011"   "4881263"   "5309516"   "5351295"   "5361256"   "5588060"   "5588061"   "5600642"   "5630184"   "5633933"   "5663896"   "5724425"   "5748736"   "5761305"   "5805578"   "5841864"   "5850451"   "5889865"   "5920630"   "5987131"   "6009274"   "6049878"   "6055575"   "6088336"   "6119228"   "6151395"   "6216231"   "6226383"   "6240188"   "6256733"   "6263435"   "6272135"   "6279112"   "6295361"   "6330671"   "6332163"   "6363154"   "6483921"   "6507562"   "6584566"   "6633579"   "6636968"   "6643773"   "6684331").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2007/05/24 09:26
S86	1	evict\$3 with (member node client) same updat\$3 with key with secret	US-PGPUB; USPAT; USOCR	OR	ON	2007/05/24 09:27

## EAST Search History

S87	2	evict\$3 with (member node client) and updat\$3 with key with secret	US-PGPUB; USPAT; USOCR	OR	ON	2007/05/24 09:27
S88	92	(one\$way near function near chain one\$way near function near tree logical near key near (hierarch\$4 tree) key near manag\$5) same node near (secret key)	US-PGPUB; USPAT	OR	ON	2007/05/24 09:44
S89	0	(one\$way near function near chain one\$way near function near tree logical near key near (hierarch\$4 tree) key near manag\$5) same (without "not") with (upat\$3 \$2generat\$3 \$2calculat\$3 \$2comput\$3) with node near (secret key)	US-PGPUB; USPAT	OR	ON	2007/05/24 09:45
S90	1	(one\$way near function near chain one\$way near function near tree logical near key near (hierarch\$4 tree) key near manag\$5) same (((without "not") with (upat\$3 \$2generat\$3 \$2calculat\$3 \$2comput\$3)) fixed) with node near (secret key)	US-PGPUB; USPAT	OR	ON	2007/05/24 09:46
S91	0	(one\$way near function near chain one\$way near function near tree logical near key near (hierarch\$4 tree) key near manag\$5) same (((without "not") with (upat\$3 \$2generat\$3 \$2calculat\$3 \$2comput\$3)) fixed) with node near (secret key)	FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/05/24 09:46
S92	0	(one\$way near function near chain one\$way near function near tree logical near key near (hierarch\$4 tree) key near manag\$5) and (((without "not") with (upat\$3 \$2generat\$3 \$2calculat\$3 \$2comput\$3)) fixed) with node near (secret key)	FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/05/24 09:47
S93	7	(one\$way near function near chain one\$way near function near tree logical near key near (hierarch\$4 tree) key near manag\$5) and (((without "not") with (upat\$3 \$2generat\$3 \$2calculat\$3 \$2comput\$3)) fixed) with node near (secret key)	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/05/24 09:48

## EAST Search History

S94	7	(one\$way near function near chain one\$way near2 tree logical near key near (hierarch\$4 tree) key near manag\$5) and (((without "not") with (upat\$3 \$2generat\$3 \$2calculat\$3 \$2comput\$3)) fixed) with node near (secret key)	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/05/24 09:55
S95	575	mcgrew.in.	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/05/24 09:55
S98	10	((("6049878") or ("6606706") or ("6226743") or ("6397329") or ("6584566") or ("5748736") or ("5592552") or ("5592552") or ("7043024") or ("6275859") or ("20020147906"))).PN.	US-PGPUB; USPAT	OR	OFF	2007/12/03 13:35